

FIG. 1 PRIOR ART

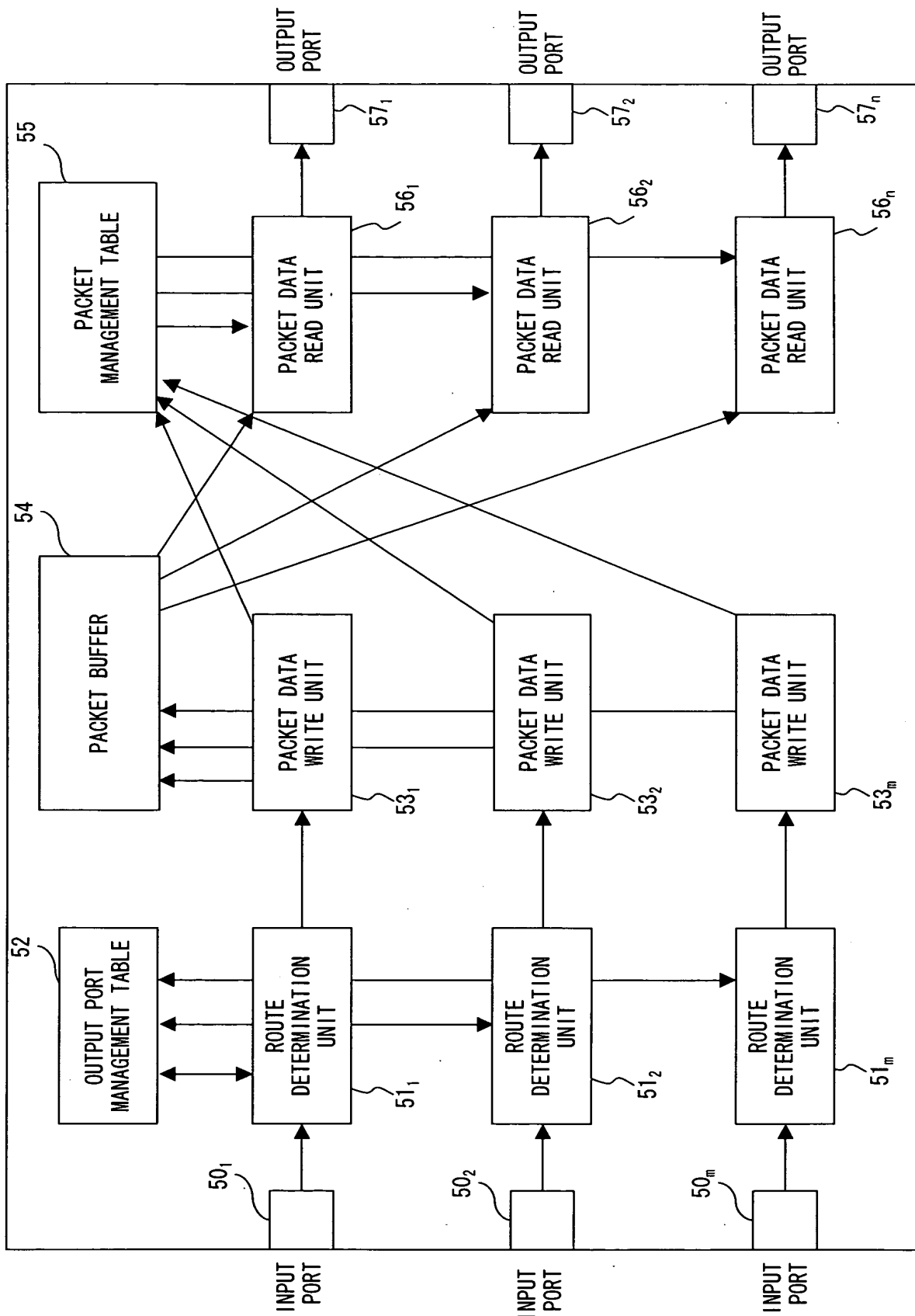


FIG. 2 PRIOR ART

PREAMBLE	DESTINATION ADDRESS	TRANSMITTER ADDRESS	Ether Type	DATA	FCS
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FIG. 3 PRIOR ART

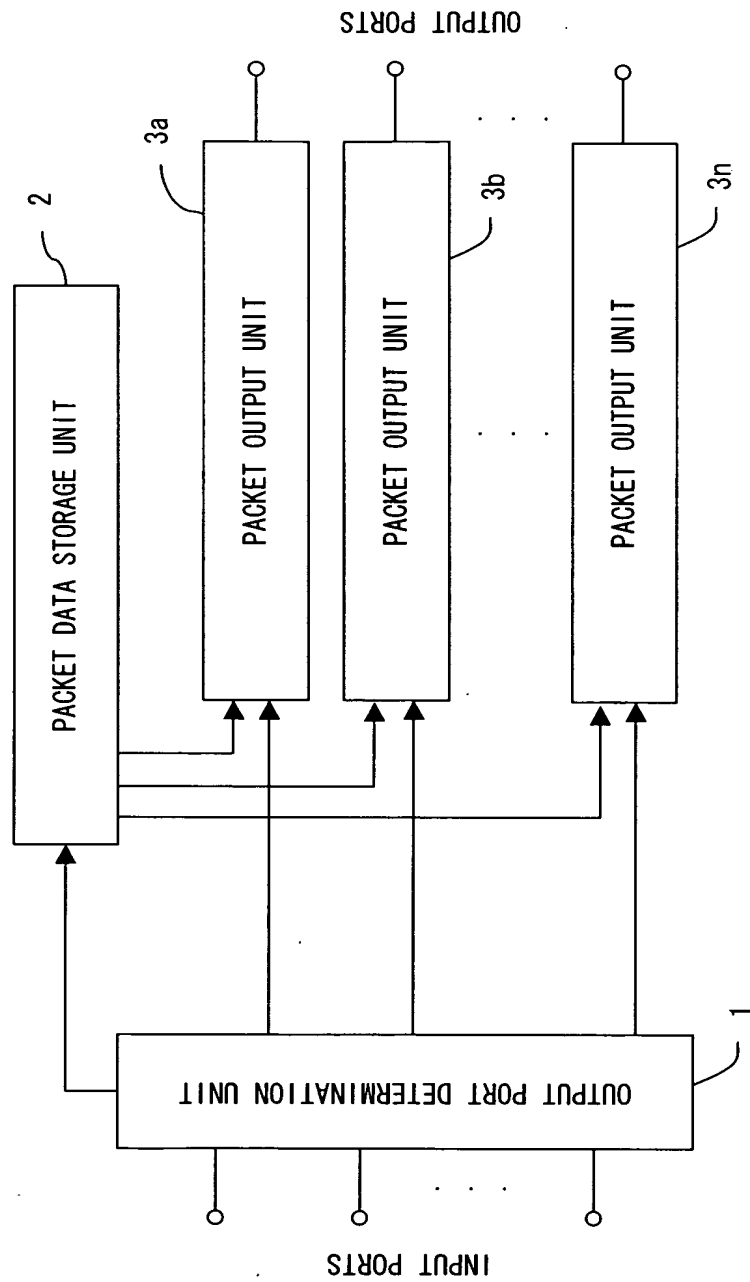


FIG. 4

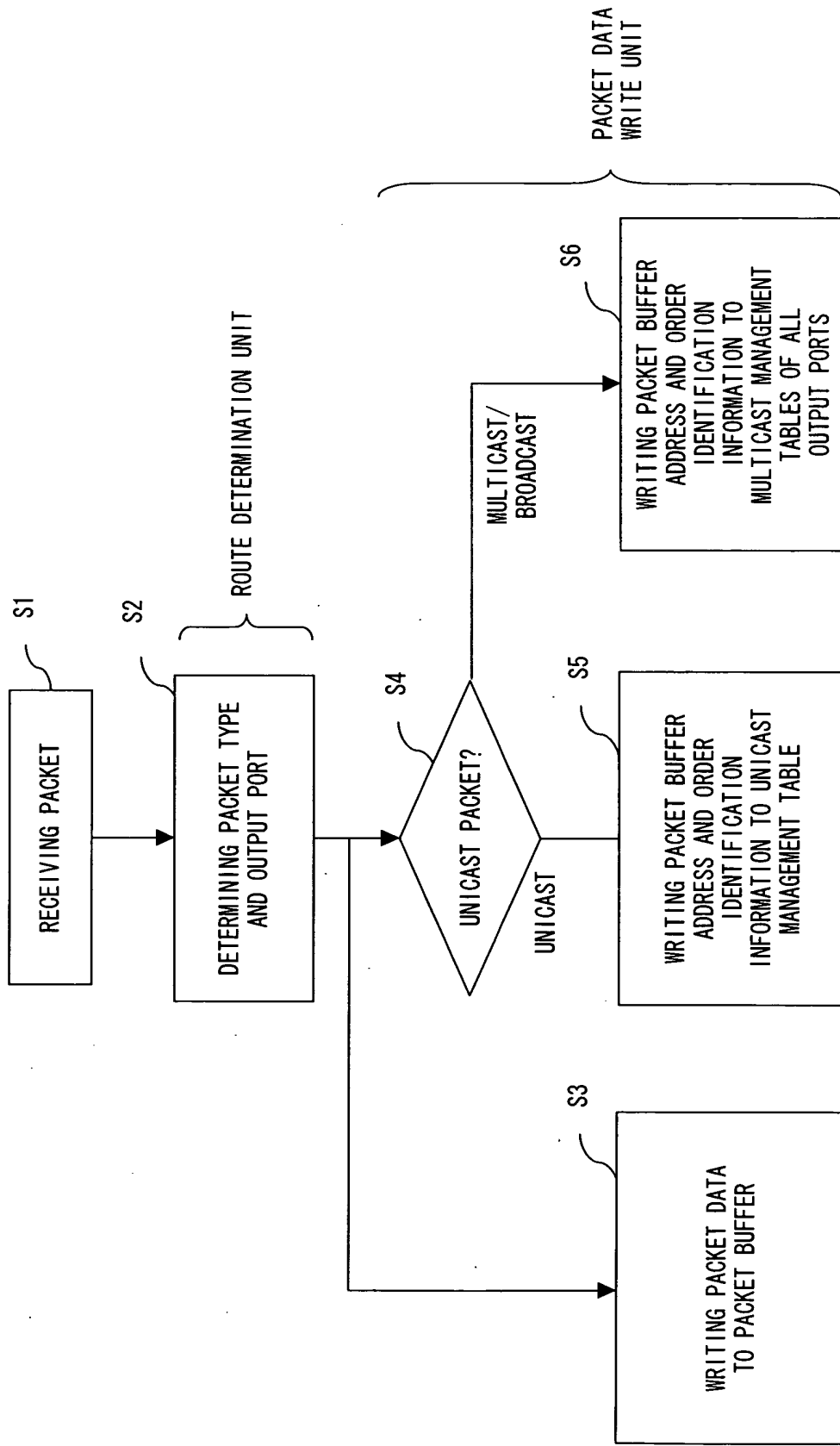


FIG. 5

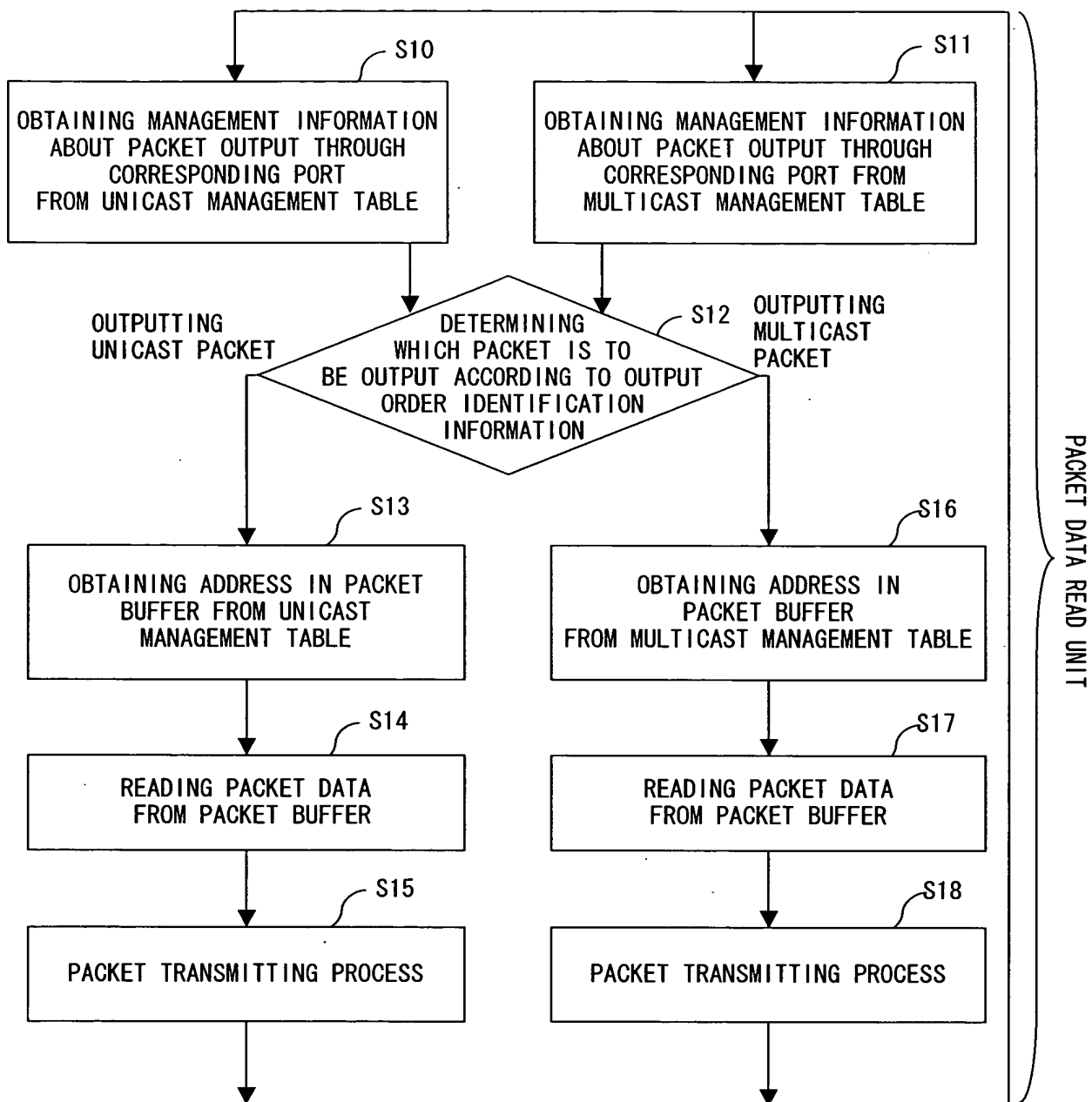


FIG. 6

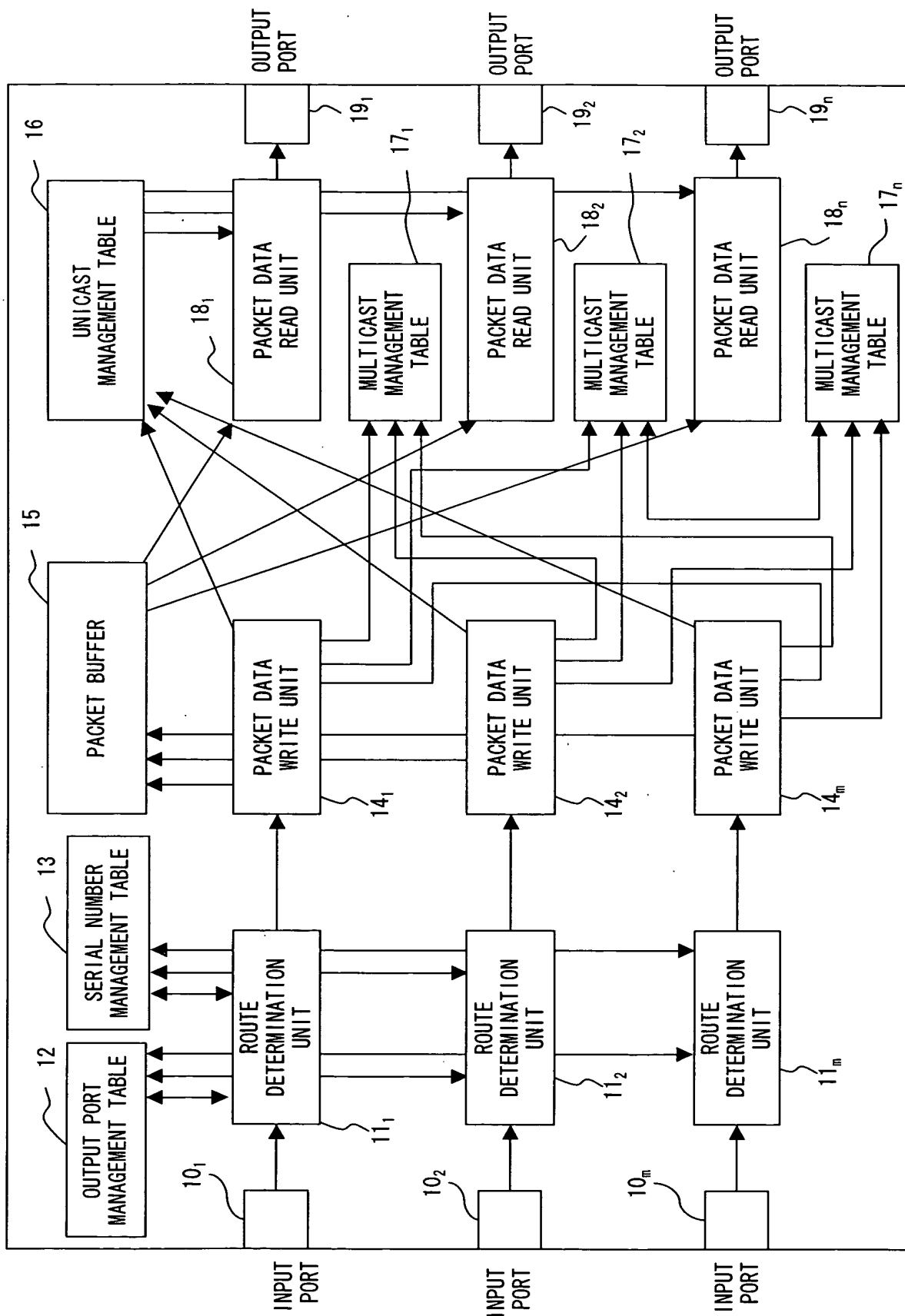


FIG. 7

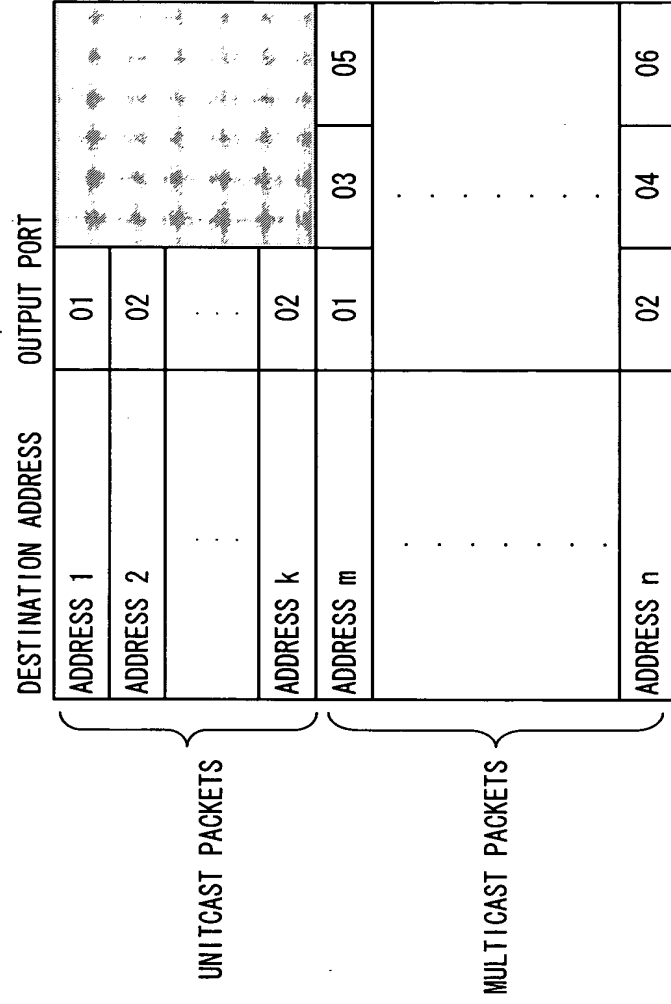


FIG. 8





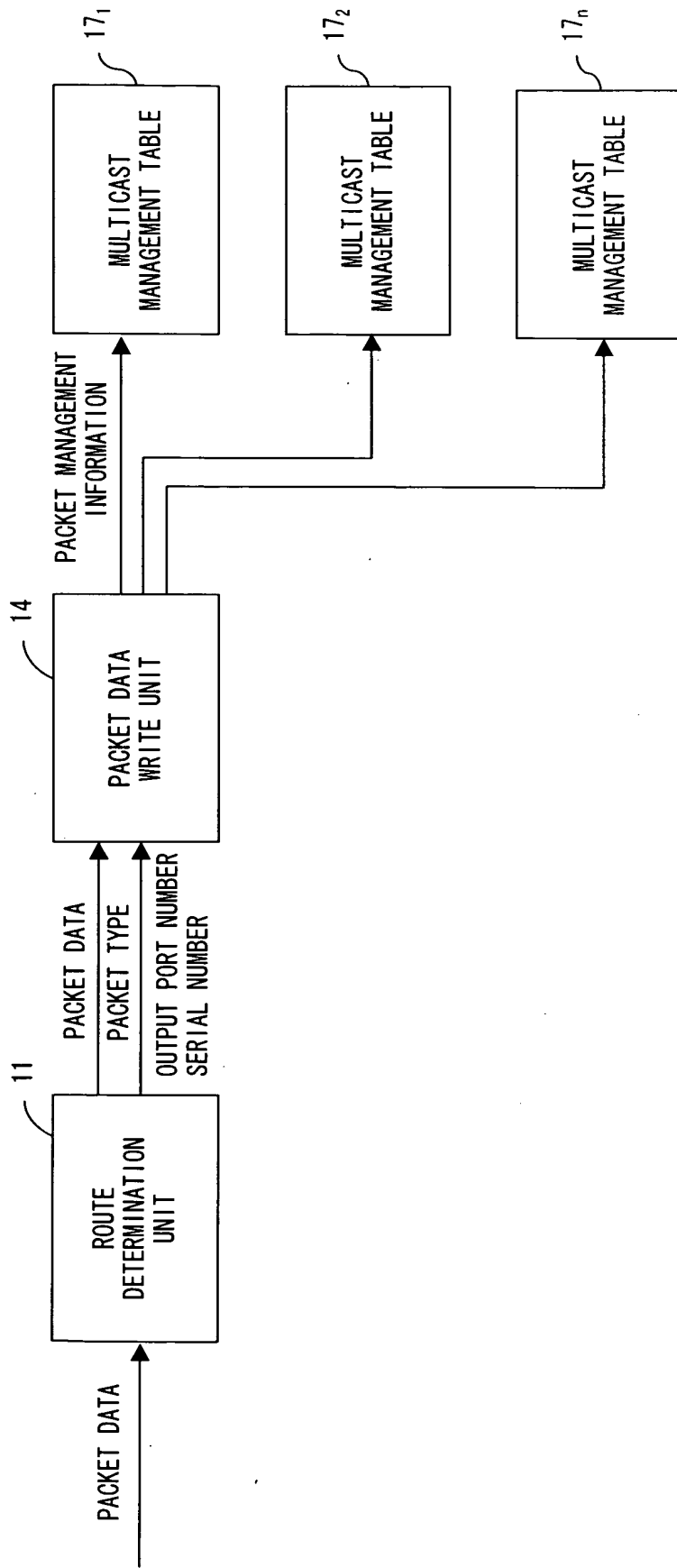


FIG. 10



MULTICAST MANAGEMENT TABLE (PORT 1)

LEADING PACKET POINTER			
TRAILING PACKET POINTER			
.	.	.	.
PACKET DATA STORAGE ADDRESS		PACKET LENGTH	SERIAL NUMBER
PACKET DATA STORAGE ADDRESS		PACKET LENGTH	SERIAL NUMBER
PACKET DATA STORAGE ADDRESS		PACKET LENGTH	SERIAL NUMBER
.	.	.	.
PACKET DATA STORAGE ADDRESS		PACKET LENGTH	SERIAL NUMBER
.	.	.	.

MULTICAST MANAGEMENT TABLE (PORT n)

LEADING PACKET POINTER			
TRAILING PACKET POINTER			
.	.	.	.
PACKET DATA STORAGE ADDRESS		PACKET LENGTH	SERIAL NUMBER
PACKET DATA STORAGE ADDRESS		PACKET LENGTH	SERIAL NUMBER
PACKET DATA STORAGE ADDRESS		PACKET LENGTH	SERIAL NUMBER
.	.	.	.
PACKET DATA STORAGE ADDRESS		PACKET LENGTH	SERIAL NUMBER
.	.	.	.

FIG. 12

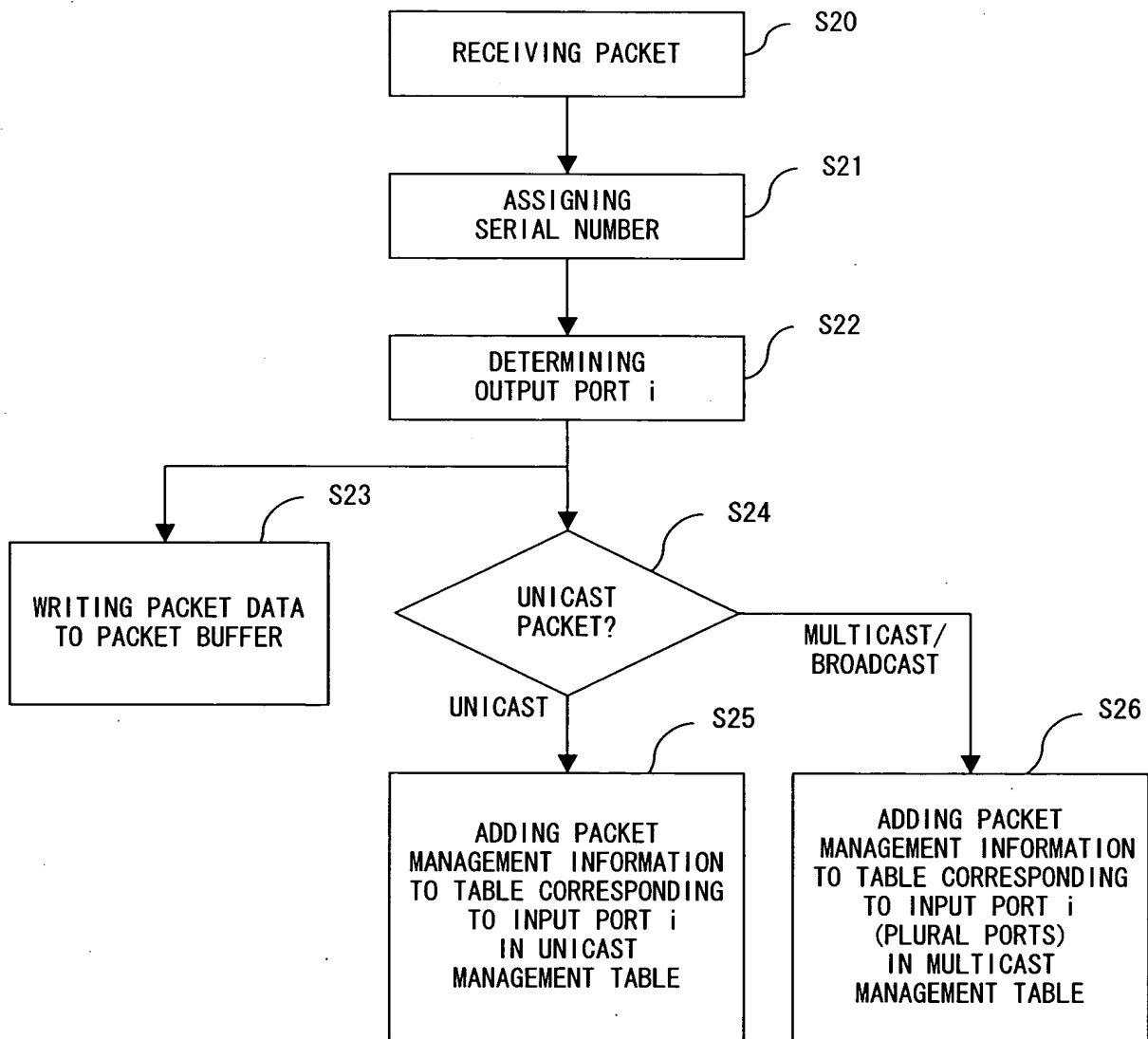


FIG. 13

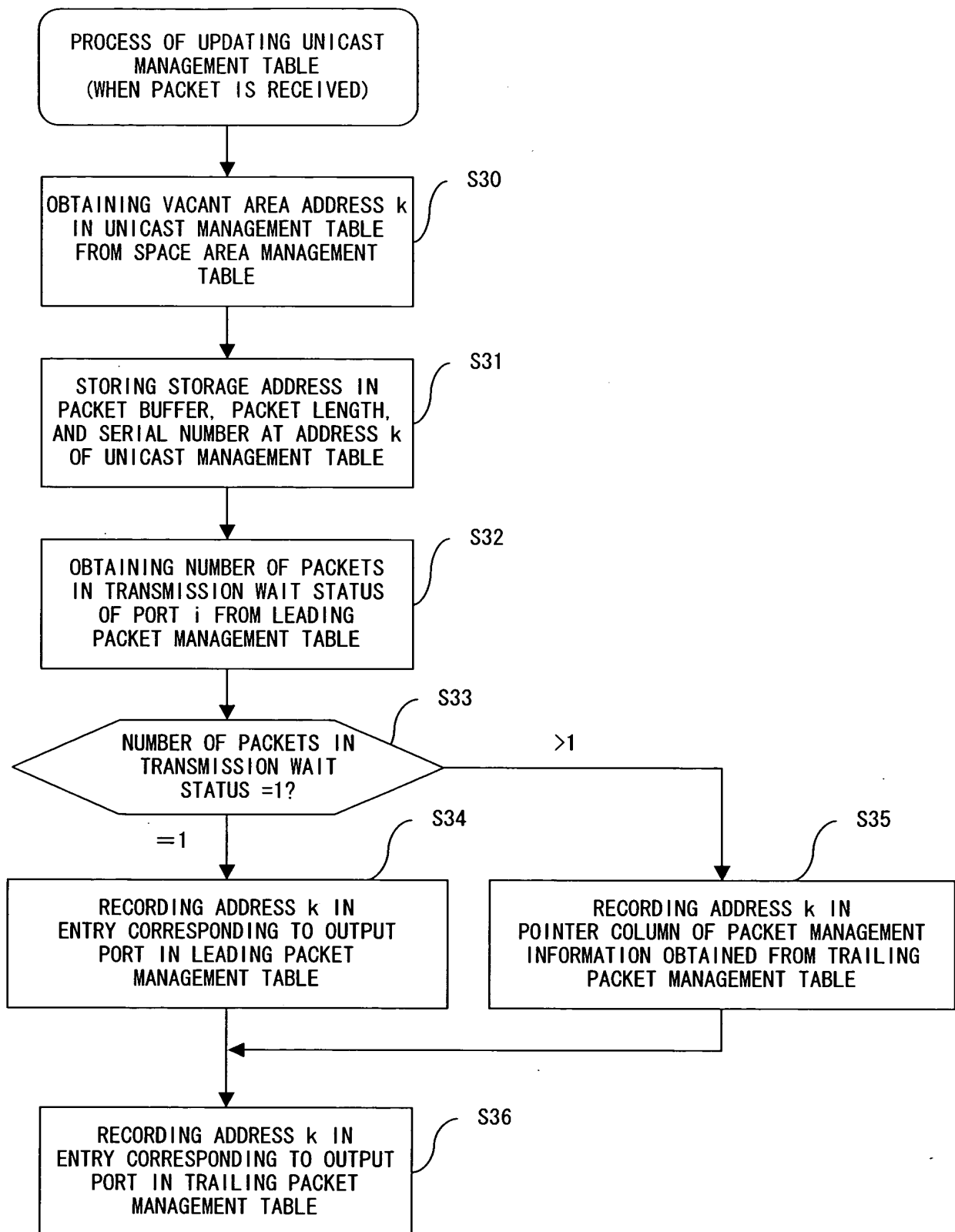


FIG. 14

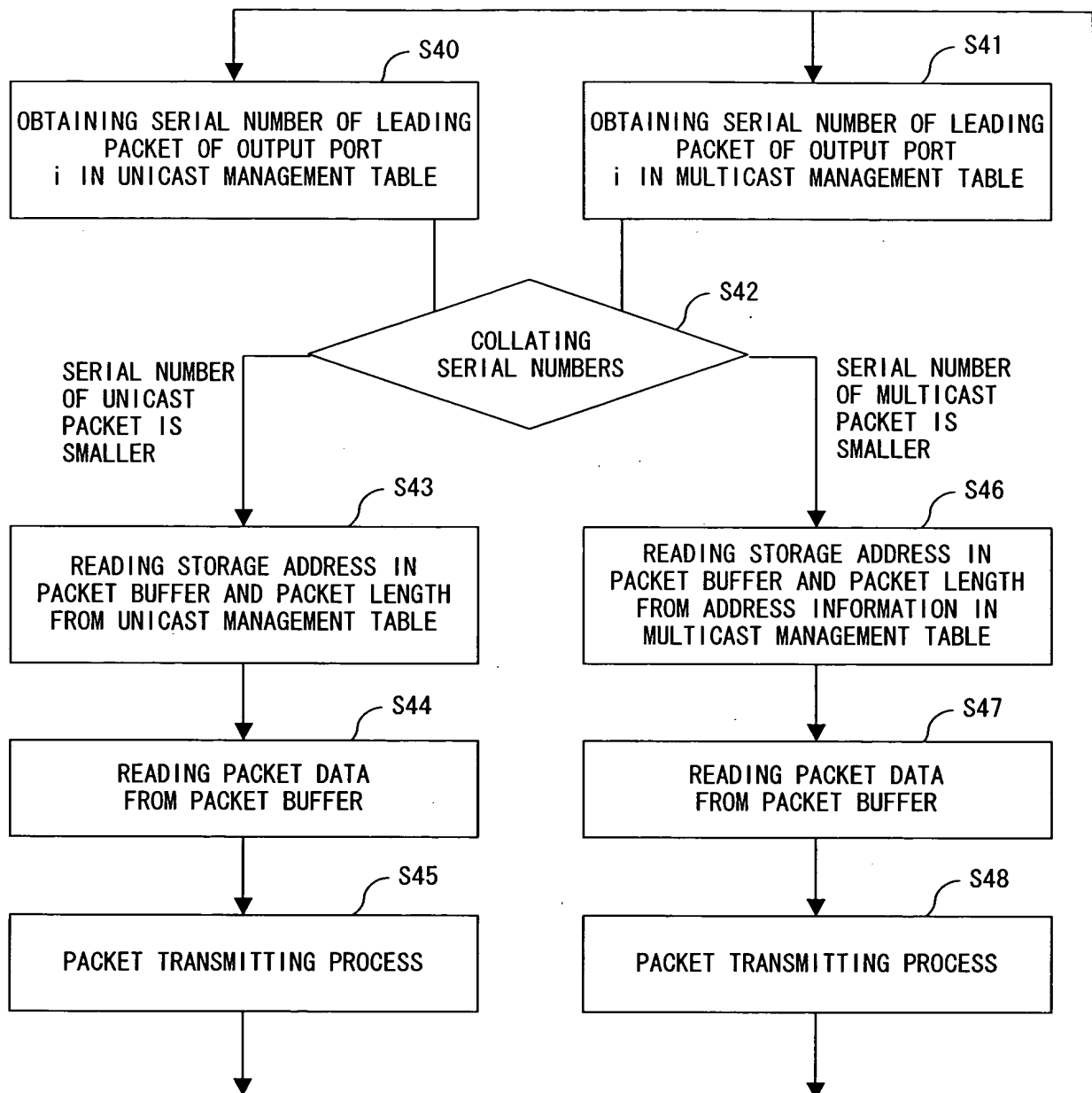


FIG. 15

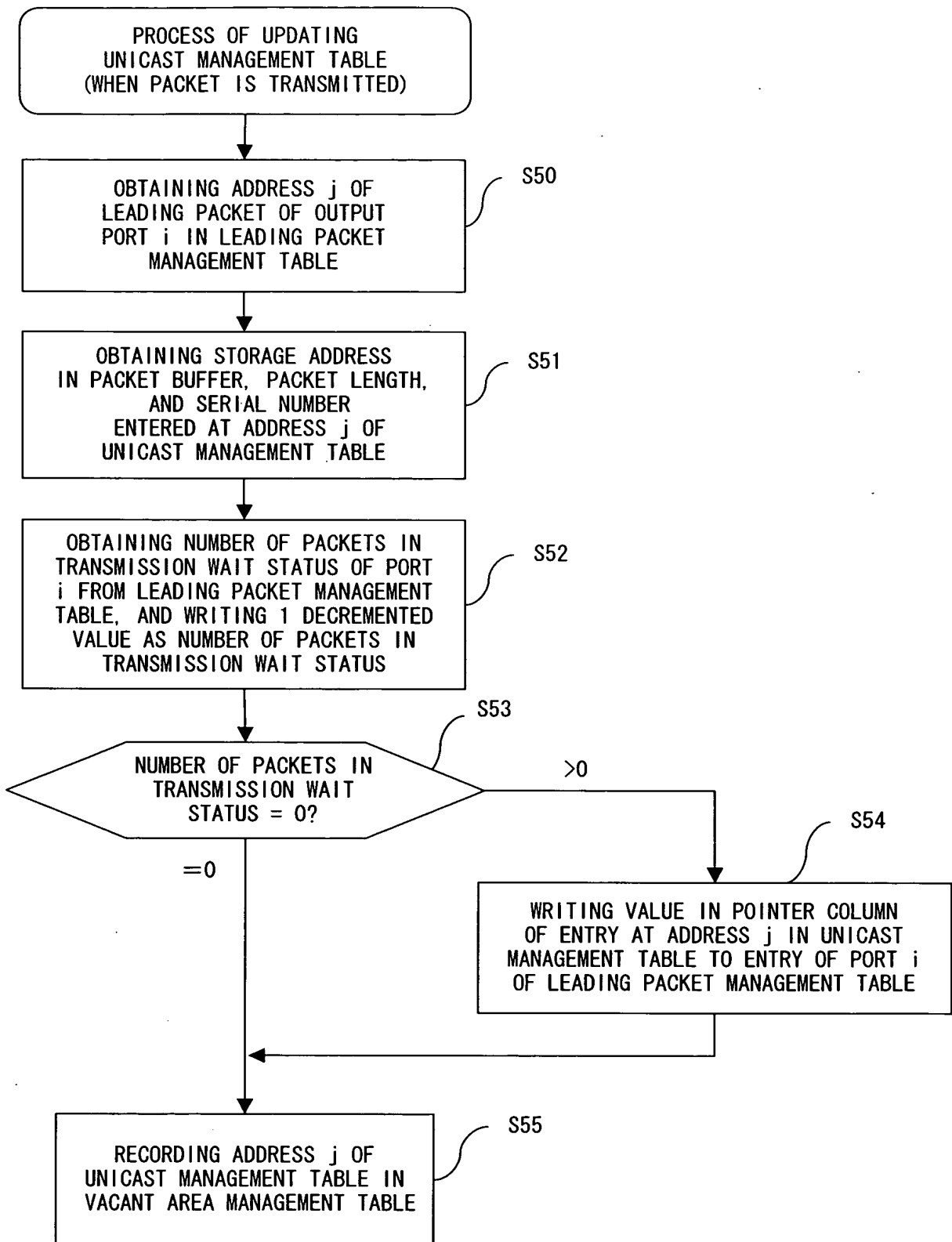


FIG. 16



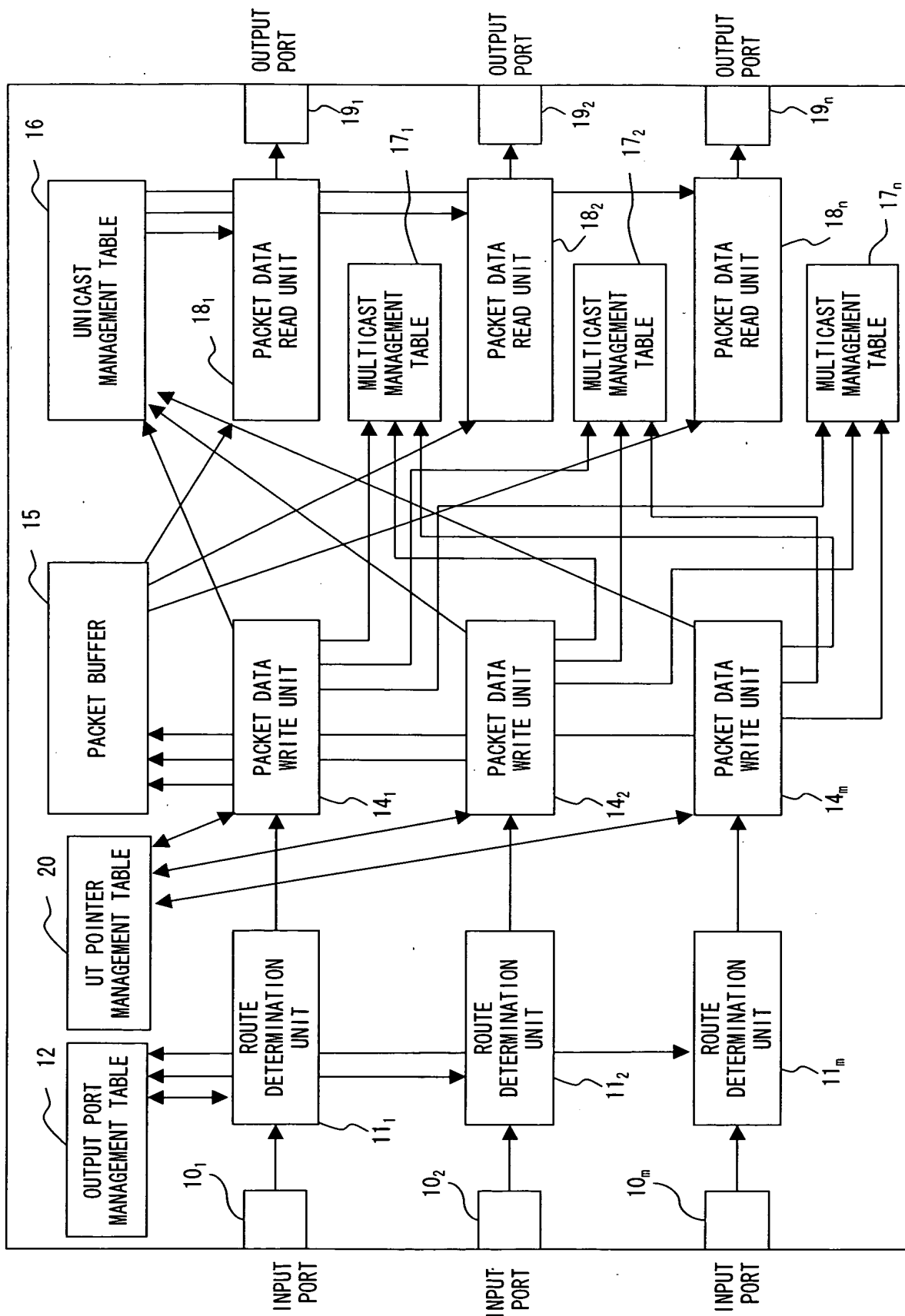


FIG. 17

OUTPUT PORT		UT POINTER
01		xxxxxx
02		yyyyyy
...	...	...

FIG. 18





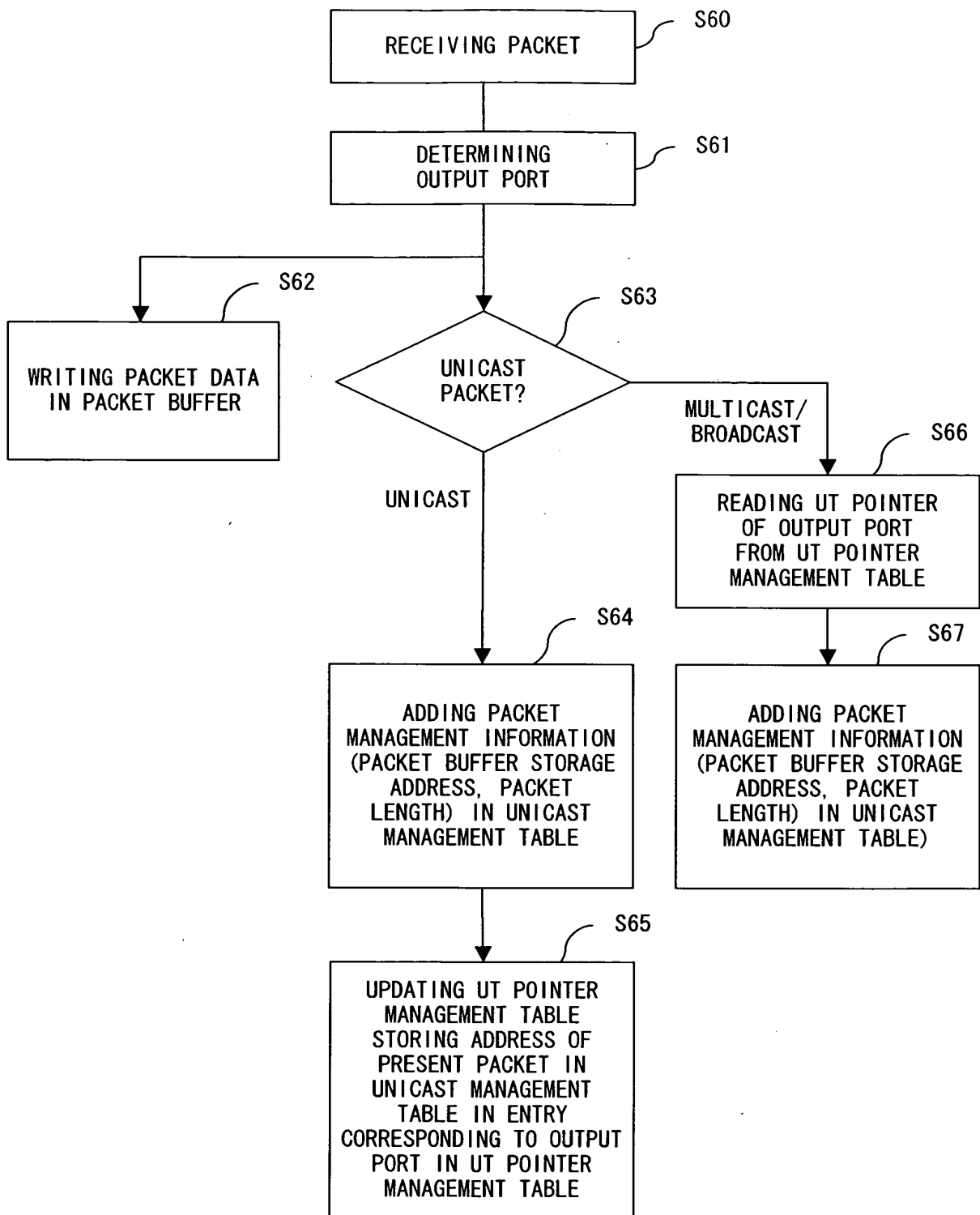


FIG. 21

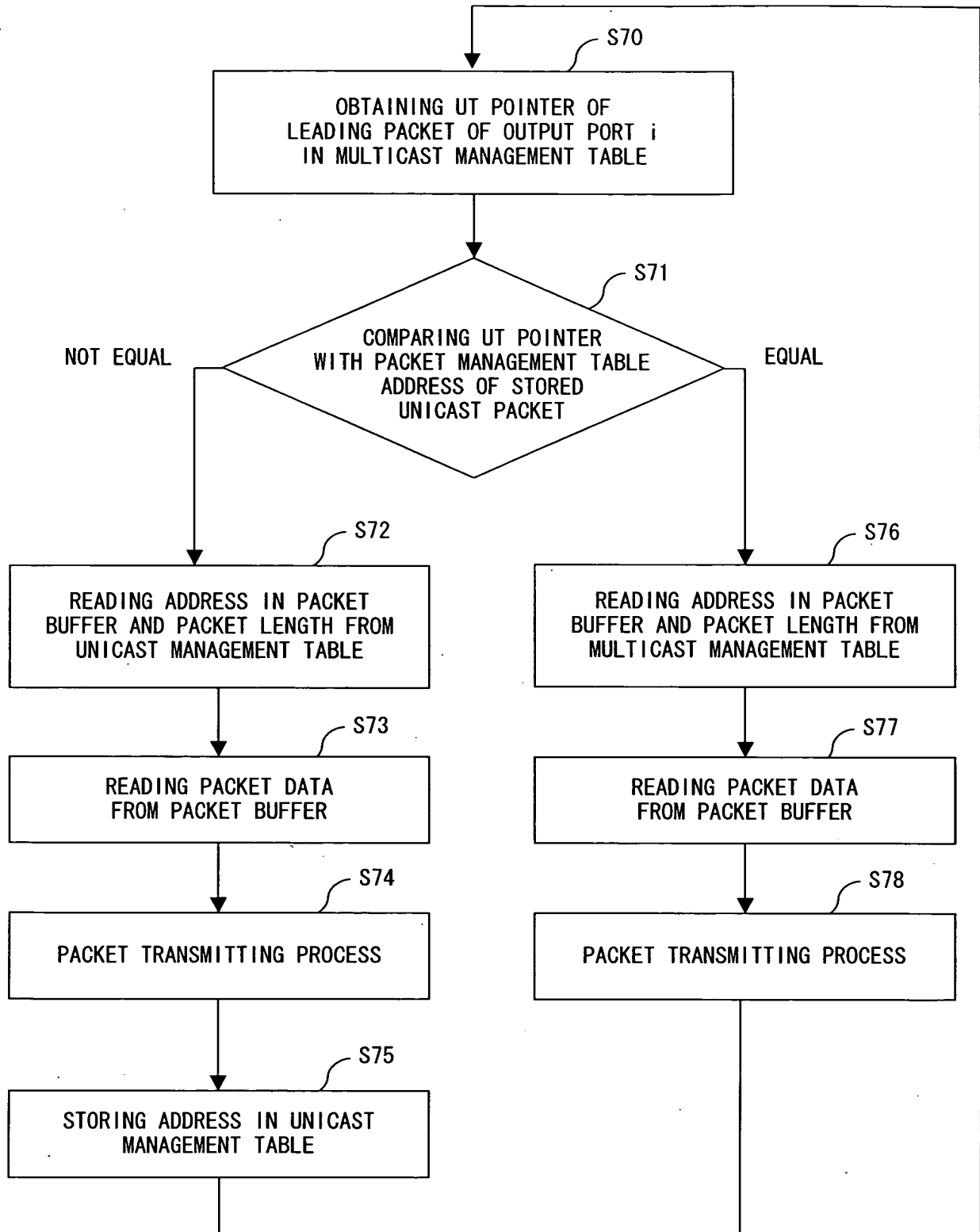


FIG. 22